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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/046,941	01/15/2002	William Kress Bodin	AUS920010464US1	4426
34533	7590	05/10/2005	EXAMINER	
INTERNATIONAL BUSINESS MACHINES CORPORATION c/o BIGGERS & OHANIAN, LLP 504 LAVACA STREET, SUITE 970 AUSTIN, TX 78701-2856			LY, ANH	
			ART UNIT	PAPER NUMBER
			2162	

DATE MAILED: 05/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/046,941

Applicant(s)

BODIN ET AL.

Examiner

Anh Ly

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 December 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 04 December 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This Office Action is response to Applicants' Amendment filed on 12/29/2004.
2. Claims 1-18 are pending in this application.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

5. Claims 1-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Pub. No.: US 2004/0233235 A1 of Rubin et al. (hereinafter Rubin) in view of US Patent No. 6,057,845 issued to Dupouy.

With respect to claim 1, Rubin teaches selecting a context (selecting a context from a context menu or toolbar as User interface elements by using the mouse and clicking on the menu: section 004-0046);

receiving a shortcut entered through the user interface, (receiving context via UI shortcuts that user can customize, that are what most users would use in their day-to-day activities and each shortcut has its name and field name: sections 0038-0040, 0060-0063);

inferring from a context definition table, in dependence upon the context, a context table name and a context field name (a navigation context database containing navigation records and tables allowing support for a rich variety of queries and views. A table has a table name or identification identifier and a table has at least one of record and each record has at least one field within in that record: section 0206 and each context has its own state information: section 0212);

selecting information records from an information database in dependence upon the context, the context table name, the shortcut fields names, and the context field name (selecting the context via the selection of command button as well as the shortcut via user interface elements by using the mouse to click on the selected icon or item on the menu or toolbar: section 0074-0076); and

displaying selected records through the user interface on the client device (the selected of records to be displayed to the user for view in a particular region or frame of the display device or screen; sections 0004, 0042 and 0100).

Rubin teaches context to be selected via user interface, displaying the selected context records stored in navigation context database containing multiple of records. Shortcuts that users can customize and most users would use in the daily activities. And displaying the selected context record to the users. Rubin does not clearly teach the shortcut having a associated with it a shortcut field name set comprising one or more shortcut field names.

However, Dupouy teaches a universal command entered by user via keystrokes or combinations of keystrokes as shortcuts, which has a short field and name via a gestures as results of a double click with the mouse on the user interface elements such as icons (col. 4, lines 58-67 and col. 5, lines 1-5; also col. 1, lines 18-48).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine the teachings of Rubin with the teachings of Dupouy, wherein the selecting and receiving context and shortcut via user interface elements in the system provided therein (Rubin's figs. 3 & 4), would incorporate the use of universal command entered by user as shortcuts or gestures as results of clicking with the mouse (col. 4, lines 58-67 and col. 5, lines 1-5). The motivation being to enable user to click with the mouse on the user interface elements to cause the context of menu to be displayed on the client device.

With respect to claim 2, Rubin teaches the context table name as a table for query, the shortcut field names as filed names for the query and the context and the context field name in a condition for query (the navigation context is a database containing a plurality of records for querying or searching via user interface: sections 0201, 206-0211; also see abstract).

With respect to claim 3, Rubin teaches wherein selecting a context further comprises selecting a default context (sections 0074-0076).

With respect to claim 4, Rubin teaches wherein selecting a context further comprises receiving a context from the client device, the context entered by a user through the user interface (sections 0062, 0070-0075).

With respect to claim 5, Rubin teaches wherein the context has an initial context value, and the method comprises the further steps of: assigning, in response to user input through the user interface, a new context value to the context, repeating, in response to user input from the user interface, the steps of assigning a new context value to the context, inferring a context table name and a context field name, selecting records, and downloading selected records (receiving context via UI shortcuts that user can customize, that are what most users would use in their day-to-day activities and each shortcut has its name and field name: sections 0038-0040, 0060-0063; and a navigation context database containing navigation records and tables allowing support for a rich variety of queries and views. A table has a table name or identification identifier and a table has at least one of record and each record has at least one filed

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within in that record: section 0206 and each context has its own state information: section 0212).

With respect to claim 6, Rubin teaches wherein displaying selected records through the user interface on the client device further comprises downloading the selected records to the client device for display in the display form (displaying format such as region, frame: sections 0014-0018 and 0043).

Claim 7 is essentially the same as claim 1 except that it is directed to a system rather than a method, and is rejected for the same reason as applied to the claim 1 hereinabove.

Claim 8 is essentially the same as claim 2 except that it is directed to a system rather than a method, and is rejected for the same reason as applied to the claim 2 hereinabove.

Claim 9 is essentially the same as claim 3 except that it is directed to a system rather than a method, and is rejected for the same reason as applied to the claim 3 hereinabove.

Claim 10 is essentially the same as claim 4 except that it is directed to a system rather than a method, and is rejected for the same reason as applied to the claim 4 hereinabove.

Claim 11 is essentially the same as claim 5 except that it is directed to a system rather than a method, and is rejected for the same reason as applied to the claim 5 hereinabove.

Claim 12 is essentially the same as claim 6 except that it is directed to a system rather than a method, and is rejected for the same reason as applied to the claim 6 hereinabove.

Claim 13 is essentially the same as claim 1 except that it is directed to a computer program product rather than a method, and is rejected for the same reason as applied to the claim 1 hereinabove.

Claim 14 is essentially the same as claim 2 except that it is directed to a computer program product rather than a method, and is rejected for the same reason as applied to the claim 2 hereinabove.

Claim 15 is essentially the same as claim 3 except that it is directed to a computer program product rather than a method, and is rejected for the same reason as applied to the claim 3 hereinabove.

Claim 16 is essentially the same as claim 4 except that it is directed to a computer program product rather than a method, and is rejected for the same reason as applied to the claim 4 hereinabove.

Claim 17 is essentially the same as claim 5 except that it is directed to a computer program product rather than a method, and is rejected for the same reason as applied to the claim 5 hereinabove.

Claim 18 is essentially the same as claim 6 except that it is directed to a computer program product rather than a method, and is rejected for the same reason as applied to the claim 6 hereinabove.


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Contact Information

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anh Ly whose telephone number is (571) 272-4039 or via E-Mail: ANH.LY@USPTO.GOV or fax to (571) 273-4039. The examiner can normally be reached on TUESDAY – THURSDAY from 8:30 AM – 3:30 PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene, can be reached on (571) 272-4107 or Primary Examiner Jean Corrielus (571) 272-4032.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, or faxed to: Central Fax Center (703) 872-9306

ANH LY 
May 4th, 2005


JEAN M. CORRIELUS
PRIMARY EXAMINER